YNK-DBR No. 143
Date 05.12.2020

AEE, YSTSD
SBR No: 107/20-21
Date: 19/11/2020

P-3747

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No: First and Part Bill

Division: **Yelahanka** Sub-Division: **Yelahanka Satellite Town Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 003-20-000088**

Schedule Docket No. Head of Account: Est.Cost- **1000.00 Lakhs**

Name of Work: **"Improvements to Roads Drains and Other Developmental Works in Ananthapura Attur Ward No 03 Under SWM Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division Package 08"**

Name of Contractor and Full Address: **Sri A Channareddy, M/s ACR Projects, Engineers & Contractors, No.01, Byarappa Circle, Jambusavaridinne, J.P. Nagara, 8th Phase, Bangalore-83.**

Reference to Agreement No: **BBMP/EE/Ynk-D/W.O/01/2020-21**

Date: **29-04-2020**

Certified that the measurements were taken by me on 9.11.2020 and recorded of Pages 4937 10 to 4937 18/2 of Measurement Book No. 4938/2019-20 and that the work is satisfactorily executed.

For M/s. ACR Projects
Proprietor
Contractor

9.11.2020
Officer-in-charge of work

Certified that the measurement were taken by me on 09/11/2020 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

09/11/2020
Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
      towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor
8) Advance to Contractor for materials brought to site (as detailed) within unadjustments items.
9) Value of Government materials supplied.

For M/s. ACR Projects
Proprietor
Contractor's Signature

Total amount adjusted

Gross Amt	Rs 77,55,66,616-00
Amount adjusted FSD	Rs —
CGST	Rs 6924470-00
SGST	Rs 6924470-00
IT	Rs 7755567-00
LC	Rs 7755567-00
CBP	Rs 775557-00
Royalty	Rs 583455-00
T.D.	Rs 3597086-00
Net Amt	Rs 73959530-00

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

For M/s. ACR Projects
Proprietor
Witness
1.
2.
Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

(For use in the Office)

Stamp

Audited & Admitted for Rs. 77,55,66,616-00

73959530-00 Cheque
and Rs. 3597086-00 Adjustment

Executive Engineer

Accts. Sub Division
Yelahanka Division

Executive Engineer
Yelahanka Division

ABSTRACT

Item No	Description	unit	As per Shrdule-II			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	9070.98	231.42	2099206.19	-	-		9070.71	231.42	2099143.26	9070.71	2099143	
2	Filling in foundation with granite trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and as per the directions of the Engineer-in-charge of the work													
	a) 40mm Jelly	Cum	7.68	1996.05	15329.664	-	-	-	7.68	1996.05	15329.66	7.68	15330	
	b) 20mm Jelly	Cum	7.41	1996.05	14790.7305	-	-	-	7.41	1996.05	14790.73	7.41	14791	
	c) Coarse sand	Cum	5.77	2783.55	16061.0835	-	-	-	5.77	2783.55	16049.95	5.77	16050	
	d) Fine Sand	Cum	3.84	2783.55	10688.832	-	-	-	3.84	2783.55	10699.97	3.84	10700	
	e) 12.5mm chips	Cum	5.77	1996.05	11517.2085	-	-	-	5.77	1996.05	11509.22	5.77	11509	
3	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete and as per the directions of the Engineer-in-charge of the work	M	111.50	11363.44	1267023.56	-	-	-	0.00	11363.44	0.00	0.00	0	
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified and as per the directions of the Engineer-in-charge of the work	Sqm	19.22	74.58	1433.4276	-	-	-	19.22	74.58	1433.43	19.22	1433	
5	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1411.70	5780.92	8160924.76	-	-	-	1411.70	5780.92	8160924.76	1411.70	8160925	
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work	Cum	2805.91	7423.71	20830262.1	-	-	-	2805.91	7423.71	20830262.13	2805.91	20830262	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
7	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work	Tonne	170.78	75943.33	12969601.9	-	-	-	170.78	75943.33	12969601.90	170.78	12969602	
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete and as per the directions of the Engineer-in-charge of the work	Sqm	198.78	5688.90	1130839.54	-	-	-	198.78	5688.90	1130839.54	198.78	1130840	
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,compplete and as per the directions of the Engineer-in-charge of the work	Sqm	7511.40	2453.85	18431848.9	-	-	-	7511.25	2453.85	18431473.45	7511.25	18431473	
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted , in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	56.76	6034.69	342529.004	-	-	-	56.76	6034.69	342529.00	56.76	342529	
11	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete, and as per the directions of the Engineer-in-charge of the work	Nos	6306.00	454.10	2863554.6	-	-	-	6305.00	454.10	2863100.50	6305.00	2863101	
12	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	1135.20	89.04	101078.208	-	-	-	1134.86	89.04	101048.29	1134.86	101048	
13	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	1040.40	67.47	70195.788	-	-	-	375.10	67.47	25307.68	375.10	25305	
14	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	3468.00	6.68	23166.24	-	-	-	1221.57	6.68	8160.07	1221.57	8160	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC. Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	834.48	2094.67	1747960.22	-	-	-	296.82	2094.67	621730.52	296.82	621731	
16	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver on sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1251.72	2101.34	2630289.3	-	-	-	280.96	2101.34	590393.59	280.96	590394	
17	Providing and applying primer coat with S S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	5563.20	35.62	198161.184	-	-	-	1221.57	35.62	43512.22	1221.57	43512	
18	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	278.16	7799.90	2169620.18	-	-	-	61.08	7799.90	476405.22	61.08	476405	
19	Providing and applyang tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	11629.80	13.36	155374.128	-	-	-	1221.57	13.36	16320.14	1221.57	16320	
20	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	430.51	9134.39	3932446.24	-	-	-	48.86	9134.39	446330.96	48.86	446331	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
21	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	424.40	477.48	202642.512	-	-	-	42.06	477.48	20082.81	42.06	20083	
22	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications complete, all as per specification and direction of the Engineer-in-Charge including the cost and conveyance of all materials, cost of labour for all items of work, equipment and as per the directions of the Engineer-in-charge of the work	Cum	220.73	339.07	74842.9211	-	-	-	-	-	-	-	-	
23	Earth Filling to the sides of foundation and basement with available excavated & approved earth (excluding rock), including watering, tamping and compaction in layers of 15 cms. thick with all lead and lift and as directed by the Engineer-in-charge including the cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work and as per the directions of the Engineer-in-charge of the work	Cum	285.36	227.93	65042.1048	-	-	-	-	-	-	-	-	
24	Providing and Injecting chemical emulsion for Pre-constructional Anti-termite Treatment by supplying and spraying chemicals chloropyrghos emulsifiable concentrates of 20% concentration, as per IS 6313-1981 and in accordance with manufacturer's specifications with lead and lift for all materials, creating a chemical barrier under and alround the column pits, wall trenches, basement excavations, top surface of plinth, junction of wall and floor, along the external perimeter of building, expansion joints, surroundings of pipes and conduits etc., complete including cost and conveyance of all materials and other incidental charges and as per the directions of the Engineer-in-Charge	Sqm	242.44	120.20	29141.288	-	-	-	-	-	-	-	-	
25	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	56.50	6020.41	340153.165	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
26	Providing and laying in position plain cement concrete of mix 1 2 4 using 20mm and downsize clean hard graded jelly of selected quality and clean sieved approved sand for Plinth course, String or Lacing courses, Copings, Sills, Bed Blocks, Anchor Blocks etc. including machine mixing, finishing with necessary formwork, laying, curing etc. complete, cost and conveyance of all materials, labour, HOM of machinery and all other incidental charges and as per directions of the Engineer-in-charge of the work	Cum	13.12	6148.55	80668.976	-	-	-	-	-	-	-	-	
	First Floor Sills	Cum	2.84	6216.59	17655.1156	-	-	-	-	-	-	-	-	
27	Providing and laying in position reinforced cement concrete of design mix M20, with 20mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters,columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window Sills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	21.10	6417.31	135405.241	-	-	-	-	-	-	-	-	
	For Columns, with RCC 1 1.2 mix concrete	Cum	77.39	6590.81	510062.786	-	-	-	-	-	-	-	-	
	First floor	Cum	61.29	6658.85	408120.917	-	-	-	-	-	-	-	-	
	For Lintels with RCC 1 1.5 3 mix concrete	Cum	4.94	6681.53	33006.7582	-	-	-	-	-	-	-	-	
	First Floor	Cum	4.94	6749.57	33342.8758	-	-	-	-	-	-	-	-	
28	Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	97.96	292.57	28660.1572	-	-	-	-	-	-	-	-	
29	Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for columns, pillars, piers, abutments, posts and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	68.64	517.10	35493.744	-	-	-	-	-	-	-	-	
	First floor	Sqm	68.64	545.45	37439.688	-	-	-	-	-	-	-	-	
30	Providing and removing centering, shuttering, Strutting, propping etc. and removal of form work for sides & soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1.0m in depth including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	423.24	331.13	140147.461	-	-	-	-	-	-	-	-	
	First floor	Sqm	250.68	545.45	136733.406	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
31	Providing and removing centering, shuttering, Strutting, proping etc and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	254.62	498.96	127045.195	-	-	-	-	-	-	-	-	
	First floor	Sqm	254.62	527.31	134263.672	-	-	-	-	-	-	-	-	
32	Providing and removing centering, shuttering, strutting, proping etc and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	18.72	589.68	11038.8096	-	-	-	-	-	-	-	-	
	First floor	Sqm	18.72	618.03	11569.5216	-	-	-	-	-	-	-	-	
33	Providing and fabricating Mild steel / High Yield Strength cold twisted Deformed steel bars conforming to IS 1786-1961 (Tor steel) including straightening, cutting, bending, hooking, lapping and / or welding wherever required, placing in position, tieing with binding wire of approved quality and guage including the cost of binding wire and anchoring to the adjoining members wherever necessary including all laps and wastages, cost of conveyance of high yield strength cold twisted deformed bars and binding wire etc. complete as per design, specification and directions of the Engineer-in-charge of the work including cost & conveyance of all materials & other incidental charges, cost of labour for all items of work, HOM of machinery, lead & lift, loading & unloading etc complete and as per the directions of the Engineer-in-charge of the work	Tn	18.61	80475.44	1497647.94	-	-	-	-	-	-	-	-	
34	Providing and constructing granite or basalt Size Stone Masonry, in Foundation & Plinth with CM 1:6 (1 Cement : 6 Coarse sand), stones hammer dressed in courses not less than 20cms high using through bond stones at 200cm apart in each course including cost and conveyance of all materials and other incidental charges, curing etc complete and all as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	35.78	5211.86	186480.351	-	-	-	-	-	-	-	-	
35	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 havinga minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) 2005 and constructed with CM 1:4, as per IS 2572 2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	300.06	1090.91	327338.455	-	-	-	-	-	-	-	-	
	First Floor	Sqm	300.06	1130.60	339247.836	-	-	-	-	-	-	-	-	
	Terrace Floor	Sqm	103.32	1170.29	120914.363	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
36	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) 2005 and constructed with CM 1:4, as per IS 2572 2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	57.36	919.67	52752.2712	-	-	-	-	-	-	-	-	
	First Floor	Sqm	57.36	959.36	55028.8896	-	-	-	-	-	-	-	-	
37	Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte and as per the directions of the Engineer-in-charge of the work	Sqm	382.46	255.15	97584.669	-	-	-	-	-	-	-	-	
	First Floor	Sqm	382.46	261.95	100185.397	-	-	-	-	-	-	-	-	
	Second Floor	Sqm	25.00	268.76	6719	-	-	-	-	-	-	-	-	
38	Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	608.84	286.90	174676.196	-	-	-	-	-	-	-	-	
	First Floor	Sqm	608.84	300.51	182962.508	-	-	-	-	-	-	-	-	
39	Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	325.28	260.82	84839.5296	-	-	-	-	-	-	-	-	
	First Floor	Sqm	325.28	274.43	89266.5904	-	-	-	-	-	-	-	-	
40	Providing 15mm thick rough plastering in single coat to internal / external surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including finishing rough to receive tiling work, providing & removing necessary scaffolding, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	62.40	232.47	14506.128	-	-	-	-	-	-	-	-	
	First Floor	Sqm	62.40	239.27	14930.448	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
41	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer Internal Masonry wall surfaces and as per the directions of the Engineer-in-charge of the work	Sqm	2007.61	190.51	382469.781	-	-	-	-	-	-	-	-	
42	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	325.28	497.83	161934.142	-	-	-	-	-	-	-	-	
	First floor	Sqm	325.28	502.36	163407.661	-	-	-	-	-	-	-	-	
43	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	27.36	154.22	4219.4592	-	-	-	-	-	-	-	-	
	First floor	Sqm	27.36	163.30	4467.888	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-II			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
44	Providing and laying flooring with Vitrified tiles of size 600mm x 600mm and of 10mm minimum thick of first quality and of approved make & sample, conforming to IS specifications, laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 fine sand) with a thin coat of cement slurry on a prepared bed / floor slabs including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work and as per the directions of the Engineer-in-charge of the work	Sqm	120.00	1106.78	132813.6	-	-	-	-	-	-	-	-	
	First Floor	Sqm	120.00	1109.05	133086	-	-	-	-	-	-	-	-	
45	Providing and fixing dadoing with Glazed tiles of approved size, make & sample and of 6mm minimum thick of first quality, conforming to IS specifications, set in cement mortar 1:3 (1 cement : 3 fine sand) 10mm thick with a thin coat of cement slurry on the rough plastered surfaces including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work and as per the directions of the Engineer-in-charge of the work	Sqm	62.40	1441.31	89937.744	-	-	-	-	-	-	-	-	
	First Floor	Sqm	62.40	1443.58	90079.392	-	-	-	-	-	-	-	-	
46	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications -and as per the directions of the Engineer-in-charge of the work	Sqm	82.14	3106.03	255129.304	-	-	-	-	-	-	-	-	
	First Floor	Sqm	82.14	3108.29	255314.941	-	-	-	-	-	-	-	-	
47	"Providing and fixing skirting of 100mm high using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc. & Providing half nosing for 20mm thick granite slab using required machinery including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges and as per the directions of the Engineer-in-charge of the work	Sqm	157.60	1064.83	167817.208	-	-	-	-	-	-	-	-	
	First floor	Sqm	157.60	1067.09	168173.384	-	-	-	-	-	-	-	-	
48	Providing Red Sal wood frames for doors, wrought, framed or assembled including making plaster grooves (excluding cost of concrete and side clamps) including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	2.54	68736.28	174590.151	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-II			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
49	Fixing of Door frames in an existing opening including embedding frame in floor and walls after cutting masonry for embedding holdfasts including providing & fixing 3/4 of MS hold fasts of size 200x20x3mm for each side and fixed to the frame and embeded with PCC 1 3 6 (1 cement 3 coarse sand 6 graded stone aggregate 20mm nominal size), painting two coats of coal tar to sides of frames, making good the damages to walls & floor as required and disposal of debris including cost of materials, labour, HOM of machineries complete as per specifications all as per the drawing aand as per the directions of the Engineer-in-charge of the work	Cum	15.00	1549.04	23235.6	-	-	-	-	-	-	-	-	
	First Floor	Cum	15.00	1553.58	23303.7	-	-	-	-	-	-	-	-	
50	Providing and fixing in position panelled shutters for doors made out of honnewood styles and rails of 40mm thick with bottom and lock rails 180mm wide, top rail and styles 100mm wide and panels of 18mm thick of exterior grade plain particle board, fixed with necessary teakwood beading including cost of materials, labour, HOM of machineries complete as per specifications with all lead & lift, loading & unloading and all other incidental charges etc aand as per the directions of the Engineer-in-charge of the work	Sqm	16.38	4001.89	65550.9582	-	-	-	-	-	-	-	-	
	First Floor	Sqm	16.38	4006.42	65625.1596	-	-	-	-	-	-	-	-	
51	Providing and fixing rigid PVC multi chamber hollow section for door and with profile of extruded section stipulated as per I S 130034-1990, frames should be of size 50x50x2.5 mm, Weight 0.79 Kg / meter and double wall EPDM gasket reinforced with electrogalvanised cold rolled sheet chambers of size 25x17x1.6 mm, Weight 0.90 Kg / meter, multi chamber section assembled to the required galvanised steel of 10 mm dia outer edge of shutter to be provided with P V C channels of size 35x35x2 mm, Weight of 0.31 Kg / meter, having interlocking facility including fixtures like Aluminium Aldrop, Tower bolts, door handles etc . all complete and as per the directions of the Engineer-in-charge of the work	Sqm	12.60	3685.50	46437.3	-	-	-	-	-	-	-	-	
	First Floor	Sqm	12.60	3690.04	46494.504	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
52	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work.	Sqm	27.36	3773.95	103255.272	-	-	-	-	-	-	-	-	
	First floor	Sqm	27.36	3780.76	103441.594	-	-	-	-	-	-	-	-	
53	Providing and fixing MS grill work for windows and ventilators weighing 21 kgs / sqm. using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as per the directions of the Engineer-in-charge of the work	Kg	574.56	107.73	61897.3488	-	-	-	-	-	-	-	-	
	First floor	Kg	574.56	114.53	65804.3568	-	-	-	-	-	-	-	-	
54	Providing & applying water proofing to concrete surfaces using high quality polymer-modified bituminous compounds (confirming to ASTM Sqm D 5147) reinforced with non woven polyester fabric, weighing 180gm/ sqm granular finish 4mm thick by torch on application method confirming to the properties indicated below. It shall be provided after priming the surface using bitumen primer at 0.2 ltr /sqm. Detailed specification & Methodology 1. Membrane thickness 4mm (+ or - 5%)	Sqm	220.66	487.62	107598.229	-	-	-	-	-	-	-	-	
55	Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diametre for inlet,outlet and over flwo pipes including cost of all materials, labour, transport charges, HOM of euipments and testing complete as per specifications for 2000 Litres Capcity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as per the directions of the Engineer-in-charge of the work	Nos	1.00	7742.95	7742.95	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remark
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
56	supplying heavy gauge pvc conduit pipe dia confirming to IS 2509 with suitable size benda. Junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering dameged portion using havey gauge saddles at an intereval of 70mm using NF screws and as per the directions of the Engineer-in-charge of the work	mtr	168.00	68.25	11466	-	-	-	-	-	-	-	-	
57	Suppling mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc , and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary and as per the directions of the Engineer-in-charge of the work	mtr	168.00	55.65	9349.2	-	-	-	-	-	-	-	-	
58	Groove cutting in the wall suppling Dia 2mm/2.5mm thick heavy gauge PVC Conduit pipe with bends, metal junction boxes adhesive paste etc , and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary and as per the directions of the Engineer-in-charge of the work	mtr	138.00	56.70	7824.6	-	-	-	-	-	-	-	-	
59	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc., and as per the directions of the Engineer-in-charge of the work	Each	18.00	116.55	2097.9	-	-	-	-	-	-	-	-	
60	supplying and fixing PVC/ Metal conduit accessories and as per the directions of the Engineer-in-charge of the work	Each	6.00	63.00	378	-	-	-	-	-	-	-	-	
61	Suppling and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complet (and as per the directions of the Engineer-in-charge of the work	mtr	60.00	107.10	6426	-	-	-	-	-	-	-	-	
62	Suppling and wiring adopting loop system in existing PVC Conduit/ casting capping using copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box. The outher end of the wires shall be terminated with sufficient loose lenght in a wood / PVC round block compelete for each outlet and as per the directions of the Engineer-in-charge of the work	Each	12.00	288.75	3465	-	-	-	-	-	-	-	-	
63	Suppling and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machines screws, bolts nuts etc., complete and as per the directions of the Engineer-in-charge of the work	No	30.00	183.75	5512.5	-	-	-	-	-	-	-	-	
64	Supplying and fixing of 32 Amps security and energy saving DP switch with key tag suitable to operate on 230 volts, 50Hz AC supply and completely wired on existing box. and as per the directions of the Engineer-in-charge of the work	Each	12.00	714.00	8568	-	-	-	-	-	-	-	-	

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Remark
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
65	Wiring for lighting/power circuit using one of pvc insulated 1100v grade, multistrand copper conductor singal core cable in open or concealed system of wiringand as per the directions of the Engineer-in-charge of the work	mtr	516.00	21.53	11109.48	-	-	-	-	-	-	-	-	
	b)6 sqmm	mtr	474.00	73.50	34839	-	-	-	-	-	-	-	-	
66	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm Etc as required and as per the directions of the Engineer-in-charge of the work	Each	90.00	23.10	2079	-	-	-	-	-	-	-	-	
67	Supplying PVC/GI Flexible conduit pipe. Mm dia fixing on surface over inverted wooden pugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pie termenated completely and as per the directions of the Engineer-in-charge of the work	Each	96.00	23.10	2217.6	-	-	-	-	-	-	-	-	
68	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws and as per the directions of the Engineer-in-charge of the work	Each	96.00	11.55	1108.8	-	-	-	-	-	-	-	-	
69	Provading and fixing Chonnated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete and as per the directions of the Engineer-in-charge of the work	Rmt	330.00	254.15	83869.5	-	-	-	-	-	-	-	-	
	SUB TOTAL AMOUNT				88226249.97			-			69246979.02		69246979.02	
	GST @12%				10587150			-			8309637.48		8309637.48	
	TOTAL AMOUNT				98813399.97			-			77556616.50		77556616.50	

Certificate

1 The Work executed by the contractor is found satisfactory
2 The contractor has removed the debris from the work spot
3 Thereare no departmental issues for this work

For M/s. ACR Projects

Proprietor
Contractor

Asst Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
೧, ೧೧, ೨೧ ಬಿ.ಡಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-೫೬

Executive Engineer